



November 30, 2018

Submitted via e-mail
Delivery receipt requested

To: US EPA Region 8
1595 Wynkoop Street
Denver, Colorado 80202-1129

NSPS OOOOa Annual Report
Alta Vista Oil Corporation

Dear Sir or Madam,

Alta Vista Oil Corporation (Alta Vista) has prepared this annual report to comply with 40 CFR 60.5420a. Due to the unavailability of the reporting form in CEDRI, Alta Vista is submitting this report via email to the appropriate regional office.

If you need further information or have questions, please contact Catherine Johnson at (210) 447-5634.

Sincerely,

(b) (6)

Steven Fleming
Environmental Supervisor
Environmental, Health & Safety Department



40 CFR 60 SUBPART OOOOa ANNUAL REPORT

This report is prepared in order to comply with 40 CFR § 60.5420a

REPORTING PERIOD:

8/3/2017

to

8/2/2018



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT
REPORTING PERIOD: 8/3/17 to 8/2/18

Certification

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Steven Fleming

Name of Responsible Official

(b) (6)

Signature of Responsible Official

Environmental Supervisor

Title

Nov 30, 2018

Date

Catherine Johnson

Name of Environmental Representative

(b) (6)

Signature of Environmental Representative

EHS Lead

Title

11-30-18

Date



**40 CFR 60 SUBPART OOOOa
ANNUAL REPORT**

Well Completions

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which C
For each well affected facility, an owner or operator must include the information specified in

The asterisk (*) next to each field indicates that the corresponding field is required.

<div>Facility Record No.</div> <div>*</div> <div>(Select from dropdown list - may need to scroll up)</div>	<div>United States Well Number*</div> <div>(§60.5420a(b)(1)(ii))</div>	<div>Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. *</div> <div>(§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii))</div>
<div>e.g.: 12-345-67890-12</div>		<div>e.g.: On October 12, 2016, a separator was not onsite for the first 3 hours of the flowback period.</div>

onstruction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual paragraphs (b)(2)(i) through (iii) of this section in all annual reports:

§60.5432a Low Pressure Wells	All Well Completions	
Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
e.g.: lowpressure.pdf or XYZCompressorStation.pdf	e.g.: Completion ABC	e.g.: 34.12345 latitude, -101.12345 longitude

NA

Slaughterville 1H

(b) (9)

Report

Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (\$60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (\$60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (\$60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (\$60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.

8/3/2017

8:00 PM

8/5/2017 11:00pm
8/9/2017 4:00am
8/22/2017 7:00am
8/31/2017 2:00pm
9/3/2017 10:00pm
9/4/2017 7:00am
9/5/2017 9:00pm
9/7/2017 1:00am
9/9/2017 7:00am
9/10/2017 7:00am, 9:00pm
9/11/2017 7:00am, 6:00 pm
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9/13/2017 7:00am
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9/19/2017 7:00am, 11:00am

9/20/2017 7:00am, 11:00am
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9/23/2017 7:00am, 11:00am
9/24/2017 7:00am
9/25/2017 7:00am, 11:00am
9/26/2017 7:00am, 1:00pm
9/27/2017 7:00am, 12:00pm
9/28/2017 7:00am, 11:00am
10/3/2017 7:00am
10/4/2017 7:00am
10/5/2017 6:00am

Well Affected Facilities Required to Comply with §60.5375a(a) and §60.5

Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.

NA

NA

10/5/2017 4:00pm

[illegible]

Routed all gas to flare
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849

802 Routed all gas to flare

Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
e.g.: 5	e.g.: 5	e.g: No onsite storage or combustion unit was available at the time of completion.

NA

NA

Exceptions Under §60.5375a(a)(3) - Tech

Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Specific Exception Claimed * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Starting Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Ending Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))
e.g.: 34.12345 latitude, -101.12345 longitude	e.g.: Technical infeasibility under 60.5375a(a)(3)	e.g.: 10/16/2016	e.g.: 10/18/2016

(b) (9)

Technical infeasibility under 60.5375a(a)(3)	8/3/2017	10/5/2017
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Technically Infeasible to Route to the Gas Flow Line or Collection System, Re-inject into

Why the Well Meets the Claimed Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Name of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
e.g.: As further described in this report, technical issues prevented the use of the gas for useful purposes.	e.g.: ABC Line

As further described in this report, technical issues prevented the use of the gas for useful purposes.

Summit

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Location of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Technical Considerations Preventing Routing to this Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Capture, Reinjection, and Reuse Technologies Considered * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
e.g.: 100 miles away at 34.12345 latitude, -101.12345 longitude	e.g.: right of use	e.g.: on-site generators

Gathering line is approx. 5 miles from well site.	Gathering line is approximately 5 miles from well site. As this is an exploratory well, connecting to this line is economically infeasible.	Fuel for onsite power generation, route to sales gathering line
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Fuel or Raw Material

Aspects of Gas or Equipment Preventing Use of Recovered Gas as a Fuel Onsite * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Technical Considerations Preventing Use of Recovered Gas for Other Useful Purpose * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Additional Reasons for Technical Infeasibility * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
e.g.: gas quality	e.g. gas quality	e.g. well damage or clean-up

gas quality renders
stream unusable for
onsite fuel

gas quality

Exploratory Well

Well Affected Faciliti

Well Location* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))
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e.g.: 34.12345 latitude,
 -101.12345 longitude

e.g.: 10/16/16

e.g.: 10 a.m.

e.g.: 10/16/16



es Meeting the Criteria of §60.5375a(a)(1)(iii)(A) - Not Hydraulically Fractured/Refractured with Liquids or I

Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))
e.g.: 10 a.m.	e.g.: 5	e.g.: 5	e.g.: 5

Do Not Generate Condensate, Intermediate Hydrocarbon Liquids, or Produced Water (No Liquid)

Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Does well still meet the conditions of §60.5375a(1)(iii)(A)? * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	If applicable Date Well Completion Operation Stopped * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))
e.g: No onsite storage or combustion unit was available at the time of completion.	e.g.: Yes	e.g.: 10/16/16



d Collection System or Seperator Onsite)

<p>If applicable: Time Well Completion Operation Stopped * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))</p>	<p>If applicable: Date Separator Installed * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))</p>	<p>If applicable: Time Separator Installed * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))</p>
<p>e.g.: 10 a.m.</p>	<p>e.g.: 10/16/16</p>	<p>e.g.: 10 a.m.</p>

	Well Affected Facilities Required to Comply with Both §60.5375a(a)(1) and (3) Using a Digital Photo in lieu of Records Required by §60.5420a(c)(1)(i) through (iv)
<p>Are there liquids collection at the well site?</p> <p>Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.</p> <p style="text-align: center;">*</p> <p>((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(3))</p>	<p>Please provide the file name that contains the Digital Photograph with Date Taken and Latitude and Longitude Imbedded (or with Visible GPS), Showing Required Equipment</p> <p>(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v))</p> <p>Please provide only one file per record.</p>
e.g.: No	e.g.: completion1.pdf or XYZCompressorStation.pdf

Well Affected Facilities Meeting the Criteria of §60.5375a(g) - <

Well Location* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(B))	Please provide the file name that contains the Record of Analysis Performed to Claim Well Meets §60.5375a(g), Including GOR Values for Established Leases and Data from Wells in the Same Basin and Field * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(A)) Please provide only one file per record.
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e.g.: 34.12345 latitude, e.g.: GORcalcs.pdf or
-101.12345 longitude XYZCompressorStation.pdf

300 scf of Gas per Stock Tank Barrel of Oil Produced

Does the well meet the requirements of
§60.5375a(g)?

Based on information and belief formed after
reasonable inquiry, the statements and information in
the document are true, accurate, and complete. *
((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(C))

e.g.: Yes